

AMENDMENT TO THE CLAIMS:

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (currently amended) A polyacetal resin composition which comprises a polyacetal resin, ~~and at least one stabilizer selected from the group consisting of~~ an antioxidant, a formaldehyde emission inhibitor, a processing stabilizer, and a heat stabilizer, wherein
the trioxane content in the polyacetal resin is not more than 100 ppm, and
wherein
the antioxidant comprises at least one member selected from the group
consisting of a hindered phenol compound and a hindered amine
compound,
the formaldehyde emission inhibitor comprises at least one basic nitrogen-
containing compound selected from the group consisting of a melamine
compound, a guanamine compound, a creatinine compound, a biurea
compound, a cyclic urea compound, a carboxylic acid hydrazide
compound, and a polyamide compound,
the processing stabilizer comprises at least one member selected from the
group consisting of a mono- or di-fatty acid having not less than 10 carbon
atoms, an ester of mono- or di-fatty acid having not less than 10 carbon
atoms with an alcohol, an acid amide or mono- or di-fatty acid having not
less than 10 carbon atoms with an amine, a polyoxyalkylene glycol, and a
silicone compound,
the heat stabilizer comprises at least one member selected from the group
consisting of a metal salt of an organic carboxylic acid, an alkaline or
alkaline earth metal compound, a phosphine compound, a hydrotalcite,
and a zeolite,

the polyacetal resin is a polyacetal copolymer in which the trioxane content is reduced by treatment with an aqueous medium or an alcohol-containing aqueous medium under heating of not lower than 80°C, and relative to 100 parts by weight of the polyacetal copolymer, the proportion of the antioxidant is 0.005 to 3 parts by weight, the proportion of the formaldehyde emission inhibitor is 0.001 to 20 parts by weight, the proportion of the processing stabilizer is 0.01 to 5 parts by weight, and the proportion of the heat stabilizer is 0.001 to 5 parts by weight.

2. (original) A polyacetal resin composition according to claim 1, wherein the trioxane content is not more than 50 ppm.
3. (original) A polyacetal resin composition according to claim 1, wherein the trioxane content is not more than 10 ppm.
4. (currently amended) A polyacetal resin composition according to claim 1, wherein the polyacetal resin is the comprises a polyacetal copolymer resin in which the trioxane content is reduced by ~~a solvent treatment and/or a heat treatment.~~
5. (canceled)
6. (canceled)
7. (original) A polyacetal resin composition according to claim 4, wherein the heat treatment include at least one heat treatment selected from the group consisting of an air flow heat treatment, an inactive gas flow heat treatment, a heated vapor treatment, and a vacuum heat treatment.
8. (canceled)

9. (currently amended) A polyacetal resin composition according to claim [[4]] 1, wherein the polyacetal resin ~~is the~~ ~~comprises~~ a polyacetal copolymer in which the trioxane content is reduced by a treatment with a basic aqueous medium under heating of not lower than 80°C.
10. (currently amended) A polyacetal resin composition according to claim 1, wherein the ~~polyacetal resin comprises~~ a polyacetal copolymer ~~has~~ ~~having~~ a terminal hemiformal group of not more than 1.2 mmol/kg, and a terminal formyl group of not more than 1.2 mmol/kg.
11. (currently amended) A polyacetal resin composition according to claim 1, wherein the ~~polyacetal resin comprises~~ a polyacetal copolymer ~~has~~ ~~having~~ an unstable terminal group of not more than 0.5% by weight.
- 12.-18. (canceled)
19. (original) A polyacetal resin composition according to claim 1, which further comprises at least one additive selected from the group consisting of a weather (light)-resistant stabilizer, an impact resistance improver, a gloss control agent, an agent for improving sliding property, a coloring agent, and a filler.
20. (original) A polyacetal resin composition according to claim 19, wherein the weather (light)-resistant stabilizer comprises at least one member selected from the group consisting of a benzotriazole compound, a benzophenone compound, an aromatic benzoate compound, a cyanoacrylate compound, an oxalic anilide compound, a hydroxyphenyl-1,3,5-triazine compound, and a hindered amine compound.
21. (original) A polyacetal resin composition according to claim 19, wherein the impact resistance improver comprises at least one member selected from the

group consisting of a thermoplastic polyester, a thermoplastic polyurethane, an acrylic core-shell polymer, and a styrenic elastomer.

22. (original) A polyacetal resin composition according to claim 19, wherein the gloss control agent comprises at least one member selected from the group consisting of an acrylic resin and a styrenic resin.
23. (original) A polyacetal resin composition according to claim 19, wherein the agent for improving sliding property comprises at least one member selected from the group consisting of an olefinic polymer, a silicone-series resin, and a fluorine-containing resin.
24. (original) A polyacetal resin composition according to claim 1, which comprises a pellet of a polyacetal copolymer having a trioxane content of not more than 100 ppm at least coexistent with a formaldehyde emission inhibitor or a master batch containing a formaldehyde emission inhibitor.
25. (withdrawn) A process for producing a polyacetal resin composition, which comprises melt-mixing a polyacetal resin recited in claim 1 and at least a formaldehyde emission inhibitor with an extruder having an exhaust port, wherein in the melt-mixing process, at least one processing auxiliary selected from the group consisting of water and an alcohol is added to the mixture, and a volatile component is exhausted through the exhaust port.
26. (withdrawn) A process for producing a polyacetal resin composition, which comprises mixing a polyacetal resin recited in claim 1 and at least one stabilizer selected from the group consisting of an antioxidant, a formaldehyde emission inhibitor, a processing stabilizer, and a heat stabilizer, wherein at least the formaldehyde emission inhibitor is fed through a side feed port of an extruder.

27. (withdrawn) A process for producing a polyacetal resin composition, which comprises melt-mixing a polyacetal resin recited in claim 1 and a formaldehyde emission inhibitor with an extruder, wherein the average residence time of melt-mixing is not longer than 300 seconds.
28. (withdrawn) A process for producing a polyacetal resin composition, which comprises melt-mixing a polyacetal copolymer recited in claim 1 and at least one stabilizer selected from the group consisting of an antioxidant, a formaldehyde emission inhibitor, a processing stabilizer and a heat stabilizer with an extruder, and extruding the mixture to prepare a pelletized composition, and further subjecting the pelletized composition to a solvent treatment and/or a heat treatment to obtain the polyacetal resin composition.
29. (withdrawn) A molded product which comprises a polyacetal resin composition recited in claim 1.
30. (withdrawn) A molded product according to claim 29, wherein the amount of trioxane elution extracted from the molded product with distilled water by heating under reflux for 2 hours is not more than 10 mg per 1 kg of the molded product.
31. (withdrawn) A molded product according to claim 29, wherein the amount of trioxane elution extracted from the molded product with distilled water by heating under reflux for 2 hours is not more than 5 mg per 1 kg of the molded product.
32. (withdrawn) A molded product according to claim 29, wherein the amount of trioxane elution extracted from the molded product with distilled water by heating under reflux for 2 hours is not more than 1 mg per 1 kg of the molded product.
33. (withdrawn) A molded product according to claim 29, wherein (1) when the molded product is stored in a closed space for 24 hours at a temperature of 80°C, the emission of formaldehyde therefrom is not more than 1.0 µg per 1 cm²

of the surface area of the product, and/or (2) when the molded product is stored in a closed space for 3 hours at a temperature of 60°C under a saturated humidity, the emission of formaldehyde therefrom is not more than 1.2 µg per 1 cm² of the surface area of the product.

34. (withdrawn) A molded product according to claim 29, wherein the amount of a volatile organic compound generated under heating at a temperature of 120°C for 5 hours is, in terms of acetone, not more than 15 µg per 1 g of the molded product.
35. (withdrawn) A molded product according to claim 29, wherein the amount of a volatile organic compound generated under heating at a temperature of 120°C for 5 hours is, in terms of acetone, not more than 10 µg per 1 g of the molded product.
36. (withdrawn) A molded product according to claim 29, wherein the amount of a volatile organic compound generated under heating at a temperature of 120°C for 5 hours is, in terms of acetone, not more than 5 µg per 1 g of the molded product.
37. (withdrawn) A molded product according to claim 29, which is at least one member selected from the group consisting of a food grade part, an automotive part, an electric or electronic device part, an architectural or pipeline part, a household utensil or cosmetic article part, a medical device part, and a photographic part.